

# ET0101-VF1/VF2

## User Manual



Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

## **SURGE PROTECTION DEVICE RECOMMENDED**

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

### **Seguridad y Alerta:**

1. No utilice cable CAT mixto estándar (cable cruzado) 568A / 568B, porque hay 2 pares intercambiados, esto causará daños en el POE sobre corriente y componentes. Por favor, use cable recto CAT (ambos conectores RJ45, 568A o 568B estándar).
2. Para un mejor rendimiento se recomienda cables CAT de terminación EIA / TIA-568-B (T568B).
3. No utilice ningún producto de terceros combinado con nuestros productos, esto podría causar daños en el POE y componentes.
4. No sustituya o utilice cualquier otra fuente de alimentación que no sea la unidad empacada dentro del producto. Si lo hace, anulará la garantía y potencialmente expone al usuario a voltajes peligrosos resultantes de una descarga eléctrica.
5. Las distancias de transmisión de HDMI sobre cables UTP se miden utilizando TE CONNECTIVITY 1427071-6.
6. Se recomienda que encienda el dispositivo después de conectar la fuente, displays y cable CAT.
7. Para reducir la interferencia entre los pares trenzados sin blindaje de cables en cable CAT, no ejecute HDBaseT / Zona Cat5e / 6 / 6a con o en estrecha proximidad en paralelo a los cables de alimentación de red. Cables blindados CAT se pueden utilizar para mejorar los problemas de EMI.
8. Debido a que la calidad de la imagen recibida depende de los cables CAT, el rango de transmisión real está sujeto a la propia elección de cables CAT.
9. No desarme el dispositivo por cualquier razón. Si lo hace, anulará la garantía del fabricante. Además, nuestro caso único es una parte integral del diseño de esta unidad y es responsable de la refrigeración y el blindaje de circuitos. Cualquier modificación podrán potencialmente causar un mal funcionamiento y la falla del producto.
10. No exponga el dispositivo al agua, humedad o líquidos. Posibles descargas eléctricas pueden resultar en fallas de la unidad al operar.

## Table of Contents

1. Introduction.....	4
2. Features.....	4
3. Panel Description.....	6
4. Connection Diagram.....	7
5. Specifications.....	8
6. Package Contents.....	8
7. Maintenance.....	9
8. Warranty Policy.....	9
9. Limitations of Warranty.....	9
10. Exclusive Remedies.....	10
11. RMA Policy.....	10

## **Introduction**

SolidView's ET0101-VF1 (Transmitter)/ET0101-VF2 (Receiver) is a 100m (330ft) HDBaseT Extender. It transmits 1080P@60HZ at 48bit deep color via single Cat5e up to 100 meters (330ft) and 4K to 70 meters (230ft). Bi-directional IR, RS232 and Ethernet can also be transmitted over the same Cat5e cable. With support of POH (power over HDBaseT), only one power supply is needed at either transmitter or receiver.

## **Features**

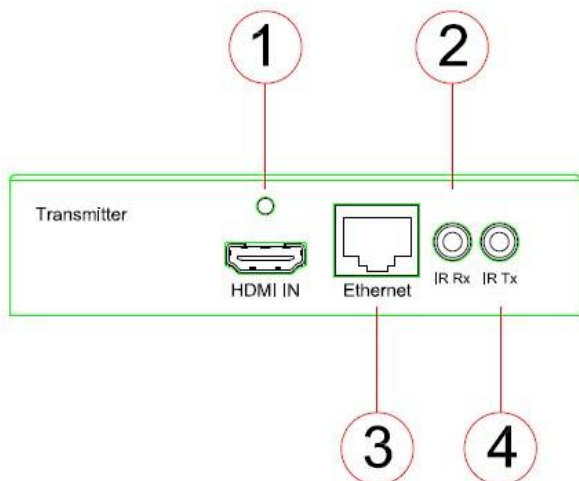
- HDMI v1.4 and HDCP compliant, support 1080p@60Hz, 3D and 4Kx2K.
- Support 1080P@60Hz or VESA: 1920x1200@60Hz up to 100m (330ft).
- Transmission distance for 4Kx2K@30Hz up to 70m (230ft).
- Dolby TrueHD and DTS-HD master audio pass through HDMI output
- Bi-Directional IR, RS232 and Ethernet pass through.
- Power over HDBaseT supported, only one power supply needed at either transmitter or receiver side.
- With ESD Protection.

## **Package Contents**

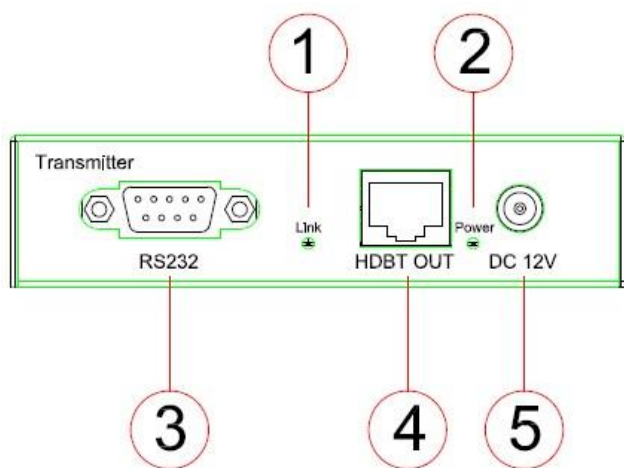
- 1x ET0101-VF1
- 1x ET0101-VF2
- 1x 12V/2A DC power supply
- 1x IR Transmitter, 1x IR Receiver.
- 4x mounting brackets.
- 1x user manual.

## Panel Description

### ET0101-VF1

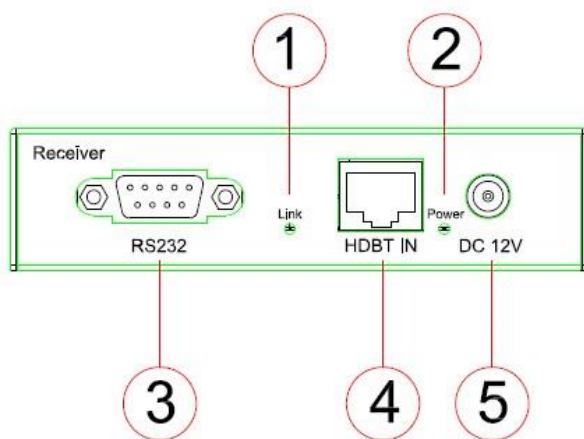


1. HDMI input
2. IR Receiver jack
3. Ethernet input
4. IR Transmitter jack

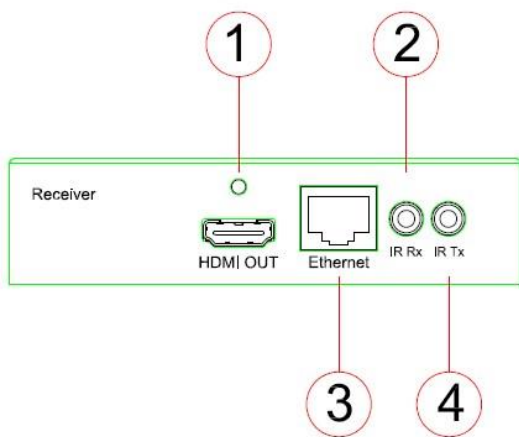


1. Signal Link indicator
2. Power status indicator
3. RS232 connector
4. HDBT output
5. DC 12V screw type connector

## ET0101-VF2

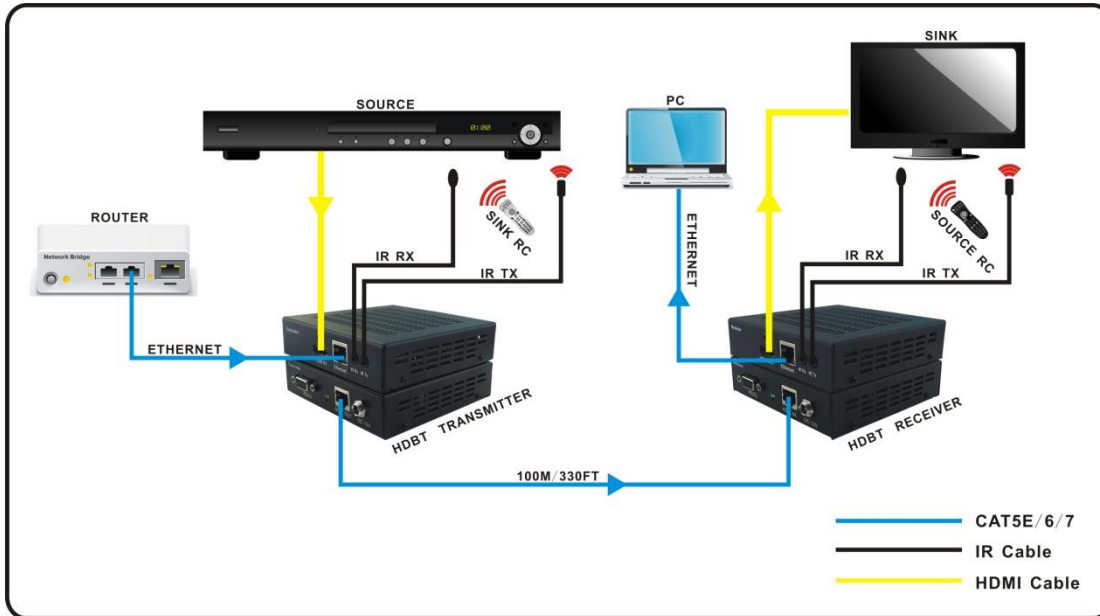


1. Signal Link indicator
2. Power status indicator
3. RS232 connector
4. HDBT input
5. DC 12V screw type connector



1. HDMI output
2. IR Receiver jack
3. Ethernet output
4. IR Transmitter jack

## Connection Diagram



## Specifications

<b>Bandwidth</b>	2.97Gbps per Color	
<b>Video input</b>	<b>ET0101-VF1</b> 1XHDMI Type A, 19-pin, female	<b>ET0101-VF2</b> 1xRJ45
<b>Video output</b>	<b>ET0101-VF2</b> 1xRJ45	<b>ET0101-VF2</b> 1XHDMI Type A, 19-pin, female
<b>IR input</b>	2x3.5mm stereo jack	
<b>IR output</b>	2x3.5mm stereo jack	
<b>Power Supply</b>	12V/2A DC, screw type connector	
<b>Power Consumption</b>	9.5W	
<b>Audio</b>	Passes up to Dolby TrueHD or DTS-HD Master Audio	
<b>Resolution</b>	Video: up to 4Kx2K VESA: up to 1920x1200	
<b>Distance</b>	230ft @ 1080p over CAT5e/6 130ft @ 4Kx2K over CAT5e/6	
<b>Dimensions</b>	105x73x27mm	
<b>Weight</b>	200g	
<b>Temperature</b>	<b>Operating</b> 32°F to 104°F (0°C to 40°C)	<b>Storage</b> -4°F to 140°F (20°C to 60°C)
<b>Rack-Mountable</b>	Rack ears included	

**NOTE:** Specifications are subject to change without notice. Weight and dimensions are approximate.

## Maintenance

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner or benzene to clean this unit.

## Warranty Policy

SolidView products are warranted against defects in material and workmanship for two years from the date of shipment. During the warranty period, SolidView will, at its option, repair or replace products that prove to be defective. Repairs are warranted for the remainder of the original warranty or a 90 day extended warranty, whichever is longer.

For equipment under warranty, the owner is responsible for freight to SolidView and all related customs, taxes, tariffs, insurance, etc. SolidView is responsible for the freight charges only for return of the equipment from the factory to the owner. SolidView will return the equipment by the same method (i.e., Air, Express, Surface) as the equipment was sent to SolidView.

All equipment returned for warranty repair must have a valid RMA number issued prior to return and be marked clearly on the return packaging. SolidView strongly recommends all equipment be returned in its original packaging.

SolidView's obligations under this warranty are limited to repair or replacement of failed parts, and the return shipment to the buyer of the repaired or replaced parts.

## Limitations of Warranty

The warranty does not apply to any part of a product that has been installed, altered, repaired, or misused in any way that, in the opinion of SolidView, would affect the reliability or detracts from the performance of any part of the product, or is damaged as the result of use in a way or with equipment that had not been previously approved by SolidView.

The warranty does not apply to any product or parts thereof where the serial number or the serial number of any of its parts has been altered, defaced, or removed.

The warranty does not cover damage or loss incurred in transportation of the product.

The warranty does not cover replacement or repair necessitated by loss or damage from any cause beyond the control of SolidView, such as lightning or other natural and weather related events or wartime environments.

The warranty does not cover any labor involved in the removal and or reinstallation of warranted equipment or parts on site, or any labor required to diagnose the necessity for repair or replacement.



The warranty excludes any responsibility by SolidView for incidental or consequential damages arising from the use of the equipment or products, or for any inability to use them either separate from or in combination with any other equipment or products.

A fixed charge established for each product will be imposed for all equipment returned for warranty repair where SolidView cannot identify the cause of the reported failure.

## **Exclusive Remedies**

SolidView's warranty, as stated is in lieu of all other warranties, expressed, implied, or statutory, including those of merchantability and fitness for a particular purpose. The buyer shall pass on to any purchaser, lessee, or other user of SolidView's products, the aforementioned warranty, and shall indemnify and hold harmless SolidView from any claims or liability of such purchaser, lessee, or user based upon allegations that the buyer, its agents, or employees have made additional warranties or representations as to product preference or use.

The remedies provided herein are the buyer's sole and exclusive remedies. SolidView shall not be liable for any direct, indirect, special, incidental, or consequential damages, whether based on contract, tort, or any other legal theory.

## **RMA Policy**

When returning product to SolidView for any reason, the customer should fill out the official RMA form to obtain a RMA number. Without the permission or approval, SolidView will be no responsible for any return. This can be initiated by emailing or calling your related sales.

All requests are processed within 48 hours.

## **Standard Replacement**

For customers that agree to return defective product to SolidView first, a Standard Replacement option is available.

An RMA number must first be issued by sales. This RMA number will need to be referenced on the outside of the return shipment.

Upon receipt of the defective product, SolidView will, at its discretion, either repair or replace the product and ship it out in the most expeditious manner possible. Subject to availability, the replacement product will be shipped on the business day following receipt of the defective product.

In the event the product returned to SolidView has been discontinued (i.e. the product is no longer being manufactured by SolidView but is still under warranty), SolidView will, at its discretion, either repair or replace with recertified product.

### **Once you have obtained an RMA number**

After obtaining an RMA number from SolidView, you must send the product - freight prepaid - to SolidView Technology Co., Ltd. The SolidView RMA number must be prominently displayed on the outside of your package. If you send your product to SolidView without the RMA number prominently displayed on the outside of the package, it will be returned to you unopened.

Please use a shipping company that can demonstrate proof of delivery. SolidView does not accept responsibility for any lost shipments unless proof of delivery to SolidView is provided.

### **Please note:**

Product shipped to SolidView must be properly packaged to prevent loss or damage in transit.

Shipping your RMA to SolidView using regular mailing envelopes is not acceptable, as they do not protect the product from damage during shipping.

SolidView will not repair or replace a module that is shipped in such a way that the product is not properly protected.

SolidView will not accept any product that has been damaged as a result of accident, abuse, misuse, natural or personal disaster, or any unauthorized disassemble, repair or modification.